

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
1	14:33:44	150.251000	38.380000	0.050000	-33.400000	0.080000
2	14:39:29	150.252000	38.260000	0.010000	-33.480000	0.030000
3	14:45:14	150.251000	38.280000	0.030000	-33.810000	0.080000
4	14:50:59	150.251000	38.210000	0.050000	-33.770000	0.040000
5	14:56:44	150.251000	38.310000	0.030000	-33.680000	0.020000
6	15:02:29	150.251000	38.330000	0.030000	-33.870000	0.070000
7	15:08:14	150.252000	38.370000	0.050000	-33.990000	0.030000
8	15:13:59	150.251000	38.280000	0.010000	-34.170000	0.030000
9	15:19:44	150.252000	38.350000	0.040000	-34.080000	0.050000
10	15:25:28	150.252000	38.410000	0.020000	-34.060000	0.030000
11						
12	15:32:26	120.237000	37.640000	0.020000	-32.700000	0.040000
13	15:38:14	126.208000	37.860000	0.060000	-32.740000	0.090000
14	15:44:02	132.279000	38.050000	0.030000	-33.010000	0.030000
15	15:50:50	138.233000	38.230000	0.030000	-33.520000	0.040000
16	15:56:37	144.257000	38.410000	0.040000	-33.860000	0.050000
17	16:02:25	150.252000	38.330000	0.030000	-34.010000	0.050000
18	16:08:09	150.253000	38.280000	0.020000	-33.930000	0.030000
19	16:13:53	150.252000	38.470000	0.020000	-33.880000	0.060000
20	16:19:37	150.252000	38.490000	0.050000	-33.870000	0.020000
21	16:25:21	150.253000	38.460000	0.030000	-33.880000	0.090000
22	16:31:06	150.252000	38.500000	0.040000	-33.840000	0.060000
23	16:36:50	150.252000	38.440000	0.040000	-33.770000	0.060000
24	16:42:35	150.252000	38.350000	0.040000	-33.670000	0.070000
25	16:48:20	150.253000	38.180000	0.040000	-33.850000	0.070000
26	16:54:05	150.254000	38.180000	0.020000	-33.890000	0.050000
27	16:59:49	150.252000	38.140000	0.080000	-33.760000	0.070000
28	17:05:34	150.253000	38.250000	0.060000	-33.820000	0.100000
29	17:11:18	150.253000	38.370000	0.050000	-33.700000	0.090000
30	17:17:03	150.252000	38.380000	0.040000	-33.610000	0.030000
31	17:22:48	150.252000	38.390000	0.090000	-33.490000	0.080000
32	17:28:32	150.253000	38.370000	0.060000	-33.540000	0.050000
33						
34	17:35:31	120.237000	37.440000	0.040000	-31.990000	0.030000
35	17:41:19	126.208000	37.700000	0.020000	-32.060000	0.020000
36	17:47:08	132.279000	37.850000	0.040000	-32.470000	0.060000
37	17:52:56	138.233000	38.090000	0.060000	-32.640000	0.040000
38	17:58:44	144.257000	38.260000	0.080000	-32.810000	0.050000
39	18:04:32	150.252000	38.340000	0.010000	-33.140000	0.040000
40	18:10:16	150.252000	38.400000	0.050000	-33.000000	0.050000
41	18:16:01	150.252000	38.550000	0.030000	-33.030000	0.060000
42	18:21:46	150.252000	38.350000	0.020000	-33.110000	0.030000
43	18:27:30	150.253000	38.360000	0.060000	-33.180000	0.030000
44	18:33:15	150.252000	38.270000	0.030000	-33.180000	0.050000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	10-MagSteel (C)	MagSteel(near pole	2-HeidenhainR(um)
1	23.630000	24.940000	24.260000	24.580000	24.690000	0.000000
2	23.620000	25.790000	24.320000	24.660000	24.880000	0.000000
3	23.660000	25.820000	24.350000	24.730000	24.950000	0.000000
4	23.830000	25.820000	24.340000	24.790000	24.990000	-0.500000
5	23.790000	25.820000	24.350000	24.840000	25.040000	-0.500000
6	23.880000	25.860000	24.380000	24.890000	25.090000	-0.500000
7	23.800000	25.890000	24.420000	24.930000	25.120000	-0.500000
8	23.860000	25.910000	24.440000	24.970000	25.160000	-0.500000
9	23.710000	25.900000	24.400000	25.000000	25.180000	-0.500000
10	23.940000	25.840000	24.340000	25.020000	25.190000	-0.500000
11	23.840000	25.670000	24.290000	25.030000	25.160000	-0.500000
12	23.920000	25.480000	24.280000	25.020000	25.130000	-0.500000
13	23.820000	25.170000	24.230000	24.970000	25.050000	-0.500000
14	23.880000	25.250000	24.190000	24.940000	25.030000	-0.500000
15	23.900000	25.320000	24.170000	24.910000	25.020000	-0.500000
16	23.900000	25.430000	24.160000	24.900000	25.020000	-0.500000
17	24.000000	25.540000	24.150000	24.900000	25.030000	-0.500000
18	23.980000	25.660000	24.150000	24.900000	25.050000	-0.500000
19	23.890000	25.630000	24.130000	24.900000	25.050000	-0.500000
20	23.950000	25.600000	24.120000	24.900000	25.040000	-0.500000
21	23.890000	25.600000	24.120000	24.900000	25.050000	-0.500000
22	23.920000	25.590000	24.110000	24.900000	25.040000	-0.500000
23	23.920000	25.550000	24.100000	24.900000	25.040000	-0.500000
24	23.770000	25.560000	24.070000	24.890000	25.030000	-0.500000
25	23.840000	25.530000	24.050000	24.880000	25.020000	-0.500000
26	23.790000	25.490000	24.040000	24.870000	25.010000	-0.500000
27	23.830000	25.490000	24.020000	24.860000	25.000000	-0.500000
28	23.840000	25.470000	24.000000	24.850000	24.990000	0.000000
29	23.810000	25.460000	23.990000	24.840000	24.970000	0.000000
30	23.760000	25.450000	23.980000	24.830000	24.960000	0.000000
31	23.620000	25.430000	23.940000	24.810000	24.940000	0.000000
32	23.710000	25.380000	23.910000	24.800000	24.920000	0.000000
33	23.620000	25.250000	23.880000	24.770000	24.880000	0.000000
34	23.800000	25.070000	23.880000	24.760000	24.850000	0.000000
35	23.680000	24.760000	23.830000	24.700000	24.740000	0.000000
36	23.610000	24.830000	23.790000	24.640000	24.710000	0.000000
37	23.700000	24.910000	23.760000	24.610000	24.680000	0.000000
38	23.560000	24.980000	23.730000	24.570000	24.670000	0.000000
39	23.570000	25.070000	23.690000	24.560000	24.670000	0.000000
40	23.590000	25.130000	23.660000	24.540000	24.660000	0.000000
41	23.650000	25.130000	23.650000	24.530000	24.650000	0.000000
42	23.680000	25.140000	23.650000	24.520000	24.640000	0.000000
43	23.760000	25.140000	23.660000	24.510000	24.630000	0.000000
44	23.650000	25.150000	23.660000	24.500000	24.630000	0.000000

	3-HeidenhainL(um)	14-coil-H20in(C)
1	0.000000	0.680000
2	-0.500000	1.470000
3	-0.500000	1.470000
4	-0.500000	1.480000
5	-1.000000	1.470000
6	-1.000000	1.480000
7	-1.000000	1.470000
8	-1.000000	1.470000
9	-1.000000	1.500000
10	-1.000000	1.500000
11	-1.000000	1.380000
12	-1.000000	1.200000
13	-1.000000	0.940000
14	-1.000000	1.060000
15	-1.000000	1.150000
16	-1.000000	1.270000
17	-1.000000	1.390000
18	-1.000000	1.510000
19	-1.000000	1.500000
20	-1.000000	1.480000
21	-1.000000	1.480000
22	-1.000000	1.480000
23	-1.000000	1.450000
24	-1.000000	1.490000
25	-1.000000	1.480000
26	-1.000000	1.450000
27	-1.000000	1.470000
28	-1.000000	1.470000
29	-1.000000	1.470000
30	-1.000000	1.470000
31	-1.000000	1.490000
32	-1.000000	1.470000
33	-0.500000	1.370000
34	-0.500000	1.190000
35	-0.500000	0.930000
36	-0.500000	1.040000
37	-0.500000	1.150000
38	-0.500000	1.250000
39	-0.500000	1.380000
40	-0.500000	1.470000
41	-0.500000	1.480000
42	-0.500000	1.490000
43	-0.500000	1.480000
44	-0.500000	1.490000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
45	18:38:59	150.252000	38.260000	0.080000	-33.230000	0.070000
46	18:44:45	150.253000	38.250000	0.050000	-33.190000	0.070000
47	18:50:30	150.252000	38.180000	0.070000	-33.190000	0.080000
48	18:56:14	150.253000	38.270000	0.020000	-33.170000	0.040000
49	19:01:59	150.252000	38.260000	0.070000	-33.010000	0.040000
50	19:07:43	150.253000	38.410000	0.040000	-33.030000	0.050000
51	19:13:28	150.253000	38.350000	0.040000	-33.020000	0.040000
52	19:19:12	150.252000	38.410000	0.100000	-33.060000	0.080000
53	19:24:57	150.253000	38.430000	0.060000	-33.270000	0.070000
54	19:30:42	150.252000	38.340000	0.050000	-33.210000	0.050000
55						
56	19:37:40	120.237000	37.270000	0.040000	-31.700000	0.020000
57	19:43:28	126.208000	37.650000	0.040000	-31.590000	0.060000
58	19:49:16	132.280000	37.910000	0.050000	-31.900000	0.040000
59	19:55:05	138.233000	38.180000	0.040000	-32.070000	0.060000
60	20:00:53	144.258000	38.230000	0.040000	-32.380000	0.060000
61	20:06:40	150.253000	38.580000	0.010000	-32.630000	0.020000
62	20:12:25	150.253000	38.420000	0.050000	-32.580000	0.070000
63	20:18:09	150.252000	38.510000	0.060000	-32.640000	0.050000
64	20:23:54	150.253000	38.560000	0.040000	-32.610000	0.060000
65	20:29:39	150.253000	38.420000	0.050000	-32.690000	0.010000
66	20:37:43	150.252000	31.240000	17.690000	-20.350000	17.300000
67	20:43:27	150.253000	38.220000	0.050000	-32.700000	0.050000
68	20:49:12	150.254000	38.260000	0.020000	-32.740000	0.060000
69	20:54:56	150.253000	38.150000	0.050000	-32.440000	0.100000
70	21:00:40	150.253000	38.230000	0.060000	-32.320000	0.060000
71	21:08:14	150.253000	31.160000	17.650000	-20.050000	17.300000
72	21:13:58	150.253000	38.380000	0.050000	-32.660000	0.110000
73	21:19:43	150.253000	38.310000	0.020000	-32.670000	0.070000
74	21:25:27	150.253000	38.240000	0.010000	-32.650000	0.040000
75	21:31:12	150.253000	38.300000	0.030000	-32.630000	0.060000
76	21:36:56	150.253000	38.270000	0.060000	-32.580000	0.050000
77						
78	21:43:55	120.238000	37.170000	0.090000	-30.770000	0.090000
79	21:49:42	126.210000	37.730000	0.060000	-30.730000	0.050000
80	21:55:30	132.281000	37.970000	0.030000	-30.970000	0.070000
81	22:01:18	138.234000	38.270000	0.040000	-31.140000	0.040000
82	22:07:07	144.259000	38.350000	0.030000	-31.620000	0.070000
83	22:12:55	150.254000	38.530000	0.040000	-31.960000	0.050000
84	22:18:40	150.253000	38.460000	0.060000	-32.140000	0.050000
85	22:24:25	150.254000	38.390000	0.030000	-32.130000	0.080000
86	22:30:10	150.254000	38.440000	0.040000	-31.980000	0.070000
87	22:35:55	150.254000	38.470000	0.060000	-32.120000	0.040000
88	22:41:40	150.253000	38.360000	0.020000	-32.020000	0.030000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	10-MagSteel (C)	MagSteel(near pole	2-HeidenhainR(um)
45	23.620000	25.160000	23.660000	24.500000	24.630000	0.000000
46	23.560000	25.130000	23.650000	24.490000	24.620000	0.000000
47	23.670000	25.160000	23.650000	24.480000	24.620000	0.000000
48	23.670000	25.140000	23.660000	24.480000	24.610000	0.000000
49	23.560000	25.160000	23.670000	24.480000	24.610000	0.000000
50	23.520000	25.130000	23.660000	24.470000	24.610000	0.000000
51	23.560000	25.120000	23.660000	24.470000	24.600000	0.000000
52	23.690000	25.120000	23.640000	24.470000	24.600000	0.000000
53	23.770000	25.130000	23.630000	24.460000	24.590000	0.000000
54	23.700000	25.120000	23.620000	24.460000	24.590000	0.000000
55	23.680000	24.990000	23.600000	24.450000	24.550000	0.000000
56	23.700000	24.800000	23.590000	24.440000	24.520000	0.000000
57	23.520000	24.500000	23.550000	24.380000	24.430000	0.000000
58	23.460000	24.540000	23.500000	24.340000	24.390000	0.000000
59	23.640000	24.620000	23.450000	24.300000	24.380000	0.000000
60	23.590000	24.680000	23.400000	24.270000	24.360000	0.000000
61	23.550000	24.740000	23.360000	24.250000	24.350000	0.000000
62	23.710000	24.890000	23.370000	24.240000	24.360000	0.000000
63	23.850000	24.980000	23.420000	24.250000	24.360000	0.000000
64	23.880000	25.040000	23.490000	24.260000	24.380000	0.000000
65	23.930000	25.070000	23.520000	24.270000	24.400000	0.000000
66	23.930000	25.060000	23.500000	24.280000	24.400000	0.000000
67	23.990000	24.970000	23.410000	24.270000	24.380000	0.000000
68	23.880000	24.890000	23.330000	24.260000	24.350000	0.000000
69	23.980000	24.850000	23.300000	24.240000	24.330000	0.000000
70	23.850000	24.870000	23.300000	24.220000	24.320000	0.000000
71	24.020000	24.890000	23.340000	24.210000	24.310000	0.000000
72	23.930000	24.940000	23.390000	24.210000	24.320000	0.000000
73	24.020000	24.970000	23.410000	24.210000	24.330000	0.000000
74	24.030000	24.950000	23.380000	24.210000	24.320000	0.000000
75	23.940000	24.870000	23.300000	24.200000	24.300000	0.000000
76	23.970000	24.790000	23.220000	24.180000	24.270000	0.000000
77	23.960000	24.660000	23.200000	24.150000	24.220000	0.000000
78	23.940000	24.480000	23.200000	24.140000	24.190000	0.000000
79	23.920000	24.200000	23.200000	24.080000	24.100000	0.500000
80	23.900000	24.340000	23.240000	24.040000	24.090000	0.500000
81	23.890000	24.510000	23.290000	24.030000	24.100000	0.500000
82	23.930000	24.610000	23.290000	24.020000	24.110000	0.500000
83	23.880000	24.660000	23.210000	24.020000	24.110000	0.500000
84	23.900000	24.680000	23.130000	24.010000	24.110000	0.500000
85	24.020000	24.670000	23.110000	24.010000	24.100000	0.500000
86	23.960000	24.690000	23.120000	23.990000	24.090000	0.500000
87	23.960000	24.710000	23.160000	23.990000	24.090000	0.500000
88	23.910000	24.750000	23.210000	24.000000	24.110000	0.500000

	3-HeidenhainL(um)	14-coil-H20in(C)
45	-0.500000	1.500000
46	-0.500000	1.480000
47	-0.500000	1.510000
48	-0.500000	1.480000
49	-0.500000	1.490000
50	-0.500000	1.470000
51	-0.500000	1.460000
52	-0.500000	1.480000
53	-0.500000	1.500000
54	-0.500000	1.500000
55	0.000000	1.390000
56	0.000000	1.210000
57	0.000000	0.950000
58	0.000000	1.040000
59	0.000000	1.170000
60	0.000000	1.280000
61	0.000000	1.380000
62	0.000000	1.520000
63	0.000000	1.560000
64	0.000000	1.550000
65	0.000000	1.550000
66	0.000000	1.560000
67	0.000000	1.560000
68	0.000000	1.560000
69	0.000000	1.550000
70	0.000000	1.570000
71	0.000000	1.550000
72	0.000000	1.550000
73	0.000000	1.560000
74	0.000000	1.570000
75	0.000000	1.570000
76	0.000000	1.570000
77	0.000000	1.460000
78	0.000000	1.280000
79	0.500000	1.000000
80	0.500000	1.100000
81	0.500000	1.220000
82	0.500000	1.320000
83	0.500000	1.450000
84	0.500000	1.550000
85	0.500000	1.560000
86	0.500000	1.570000
87	0.500000	1.550000
88	0.500000	1.540000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
89	22:47:24	150.254000	38.370000	0.030000	-32.180000	0.020000
90	22:53:09	150.254000	38.380000	0.030000	-32.150000	0.040000
91	22:58:54	150.254000	38.410000	0.030000	-32.080000	0.080000
92	23:04:39	150.254000	38.330000	0.030000	-32.130000	0.040000
93	23:10:23	150.254000	38.340000	0.030000	-32.110000	0.070000
94	23:16:08	150.253000	38.210000	0.070000	-32.000000	0.110000
95	23:21:53	150.254000	38.280000	0.090000	-31.900000	0.040000
96	23:27:38	150.253000	38.340000	0.040000	-31.990000	0.030000
97	23:35:19	150.254000	38.410000	0.040000	-32.140000	0.030000
98	23:41:04	150.254000	38.380000	0.090000	-32.090000	0.060000
99						
100	23:48:03	120.238000	37.500000	0.040000	-30.300000	0.090000
101	23:53:51	126.210000	37.640000	0.040000	-30.240000	0.060000
102	23:59:39	132.280000	37.690000	0.070000	-30.580000	0.060000
103	00:06:24	138.234000	37.990000	0.040000	-30.870000	0.060000
104	00:13:08	144.260000	38.220000	0.040000	-31.270000	0.110000
105	00:18:57	150.254000	38.340000	0.100000	-31.750000	0.100000
106	00:24:42	150.253000	38.150000	0.060000	-31.650000	0.050000
107	00:30:27	150.254000	38.380000	0.020000	-31.740000	0.020000
108	00:36:12	150.253000	38.320000	0.070000	-31.690000	0.040000
109	00:41:58	150.254000	38.340000	0.080000	-31.790000	0.090000
110	00:47:43	150.254000	38.380000	0.020000	-31.800000	0.070000
111	00:53:27	150.254000	38.300000	0.040000	-31.840000	0.070000
112	00:59:12	150.254000	38.260000	0.060000	-31.930000	0.060000
113	01:04:58	150.254000	38.320000	0.020000	-31.970000	0.030000
114	01:10:43	150.254000	38.140000	0.050000	-31.880000	0.090000
115	01:16:28	150.254000	38.280000	0.040000	-32.020000	0.030000
116	01:22:14	150.254000	38.270000	0.040000	-31.910000	0.040000
117	01:27:59	150.254000	38.160000	0.030000	-31.820000	0.030000
118	01:33:45	150.254000	38.140000	0.050000	-31.700000	0.070000
119	01:39:30	150.254000	38.250000	0.050000	-31.940000	0.060000
120	01:45:15	150.253000	38.450000	0.030000	-31.800000	0.090000
121						
122	01:52:15	120.238000	37.470000	0.030000	-30.210000	0.040000
123	01:58:03	126.209000	37.720000	0.080000	-30.370000	0.090000
124	02:03:53	132.281000	38.010000	0.040000	-30.570000	0.100000
125	02:09:42	138.235000	38.140000	0.040000	-31.070000	0.030000
126	02:17:23	144.259000	38.370000	0.110000	-31.270000	0.370000
127	02:23:12	150.254000	38.610000	0.190000	-31.820000	0.230000
128	02:28:58	150.254000	38.340000	0.050000	-31.840000	0.090000
129	02:34:43	150.254000	38.240000	0.070000	-31.670000	0.070000
130	02:40:28	150.254000	38.240000	0.040000	-31.540000	0.070000
131	02:46:13	150.254000	38.170000	0.020000	-31.610000	0.070000
132	02:51:57	150.254000	38.140000	0.050000	-31.580000	0.060000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	10-MagSteel (C)	MagSteel(near pole	2-HeidenhainR(um)
89	23.920000	24.810000	23.260000	24.010000	24.120000	0.500000
90	23.860000	24.830000	23.260000	24.020000	24.140000	0.500000
91	23.950000	24.760000	23.180000	24.020000	24.130000	0.500000
92	23.850000	24.680000	23.090000	24.010000	24.100000	0.500000
93	24.000000	24.620000	23.040000	23.990000	24.080000	0.500000
94	23.980000	24.620000	23.040000	23.980000	24.060000	0.500000
95	24.020000	24.640000	23.070000	23.960000	24.050000	0.500000
96	24.040000	24.680000	23.110000	23.960000	24.050000	0.500000
97	23.930000	24.710000	23.150000	23.960000	24.060000	0.500000
98	23.980000	24.760000	23.190000	23.970000	24.080000	0.500000
99	24.020000	24.610000	23.130000	23.970000	24.050000	0.500000
100	23.970000	24.410000	23.120000	23.960000	24.020000	0.500000
101	23.860000	24.030000	23.020000	23.900000	23.910000	0.500000
102	23.880000	24.080000	22.980000	23.850000	23.880000	0.500000
103	23.740000	24.210000	22.990000	23.820000	23.870000	0.500000
104	23.810000	24.340000	23.020000	23.800000	23.880000	0.500000
105	23.710000	24.510000	23.060000	23.810000	23.910000	0.500000
106	23.720000	24.640000	23.100000	23.830000	23.940000	0.500000
107	23.790000	24.630000	23.080000	23.840000	23.960000	0.500000
108	23.820000	24.560000	23.000000	23.850000	23.940000	0.500000
109	23.870000	24.510000	22.960000	23.840000	23.930000	0.500000
110	23.860000	24.520000	22.950000	23.830000	23.920000	0.500000
111	23.950000	24.520000	22.960000	23.830000	23.920000	0.500000
112	23.790000	24.540000	22.990000	23.830000	23.920000	0.500000
113	23.870000	24.570000	23.010000	23.830000	23.930000	0.500000
114	23.770000	24.600000	23.050000	23.830000	23.940000	0.500000
115	23.860000	24.620000	23.070000	23.840000	23.950000	0.500000
116	23.890000	24.600000	23.040000	23.850000	23.960000	0.500000
117	23.760000	24.520000	22.950000	23.840000	23.930000	0.500000
118	23.850000	24.450000	22.890000	23.830000	23.910000	0.500000
119	23.890000	24.430000	22.870000	23.810000	23.890000	0.500000
120	23.860000	24.470000	22.900000	23.800000	23.890000	0.500000
121	23.830000	24.450000	22.980000	23.800000	23.880000	0.500000
122	23.870000	24.280000	22.990000	23.790000	23.850000	0.500000
123	23.780000	24.070000	23.050000	23.760000	23.800000	0.500000
124	23.790000	24.200000	23.090000	23.750000	23.810000	0.500000
125	23.710000	24.320000	23.110000	23.750000	23.840000	0.500000
126	23.830000	24.410000	23.080000	23.760000	23.860000	0.500000
127	23.760000	24.380000	22.910000	23.760000	23.850000	0.500000
128	23.840000	24.330000	22.750000	23.740000	23.820000	0.500000
129	23.830000	24.230000	22.640000	23.710000	23.770000	0.500000
130	23.760000	24.180000	22.600000	23.670000	23.730000	0.500000
131	23.590000	24.210000	22.640000	23.640000	23.710000	0.500000
132	23.810000	24.280000	22.730000	23.630000	23.710000	0.500000

	3-HeidenhainL(um)	14-coil-H20in(C)
89	0.500000	1.550000
90	0.500000	1.570000
91	0.500000	1.580000
92	0.500000	1.590000
93	0.500000	1.580000
94	0.500000	1.580000
95	0.500000	1.570000
96	0.500000	1.570000
97	0.500000	1.560000
98	0.500000	1.570000
99	0.500000	1.480000
100	0.500000	1.290000
101	0.500000	1.010000
102	0.500000	1.100000
103	1.000000	1.220000
104	1.000000	1.320000
105	1.000000	1.450000
106	0.500000	1.540000
107	0.500000	1.550000
108	0.500000	1.560000
109	0.500000	1.550000
110	0.500000	1.570000
111	0.500000	1.560000
112	0.500000	1.550000
113	0.500000	1.560000
114	0.500000	1.550000
115	0.500000	1.550000
116	0.500000	1.560000
117	0.500000	1.570000
118	0.500000	1.560000
119	0.500000	1.560000
120	0.500000	1.570000
121	0.500000	1.470000
122	0.500000	1.290000
123	1.000000	1.020000
124	1.000000	1.110000
125	1.000000	1.210000
126	1.000000	1.330000
127	0.500000	1.470000
128	0.500000	1.580000
129	0.500000	1.590000
130	0.500000	1.580000
131	1.000000	1.570000
132	1.000000	1.550000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
133	02:58:37	150.254000	38.220000	0.010000	-31.460000	0.020000
134	03:04:22	150.255000	38.290000	0.050000	-31.570000	0.030000
135	03:10:07	150.254000	38.100000	0.170000	-31.820000	0.100000
136	03:15:53	150.254000	37.970000	0.190000	-31.810000	0.190000
137	03:23:30	150.254000	38.070000	0.130000	-31.900000	0.080000
138	03:29:14	150.255000	38.140000	0.030000	-31.870000	0.080000
139	03:34:58	150.254000	38.090000	0.070000	-31.890000	0.080000
140	03:40:43	150.255000	38.110000	0.040000	-31.710000	0.050000
141	03:46:27	150.254000	38.340000	0.050000	-31.790000	0.050000
142	03:52:12	150.254000	38.240000	0.030000	-31.620000	0.070000
143						
144	03:59:11	120.239000	37.400000	0.020000	-30.170000	0.060000
145	04:04:59	126.209000	37.700000	0.030000	-30.130000	0.010000
146	04:10:47	132.282000	38.000000	0.030000	-30.520000	0.060000
147	04:16:36	138.235000	38.210000	0.030000	-30.920000	0.040000
148	04:23:25	144.259000	38.180000	0.030000	-31.190000	0.070000
149	04:29:14	150.254000	38.350000	0.070000	-31.590000	0.080000
150	04:34:59	150.253000	38.150000	0.040000	-31.620000	0.030000
151	04:40:43	150.255000	38.180000	0.060000	-31.680000	0.050000
152	04:46:27	150.254000	38.200000	0.040000	-31.650000	0.030000
153	04:53:07	150.255000	38.350000	0.040000	-31.550000	0.040000
154	04:58:52	150.255000	38.260000	0.020000	-31.360000	0.050000
155	05:04:36	150.254000	38.320000	0.040000	-31.580000	0.120000
156	05:10:21	150.254000	38.280000	0.040000	-31.700000	0.050000
157	05:16:05	150.254000	38.320000	0.050000	-31.860000	0.080000
158	05:21:50	150.255000	37.770000	0.610000	-31.740000	0.190000
159	05:27:35	150.255000	38.310000	0.190000	-31.870000	0.150000
160	05:33:19	150.255000	38.190000	0.040000	-32.080000	0.060000
161	05:39:04	150.254000	38.250000	0.050000	-32.050000	0.060000
162	05:44:48	150.256000	38.110000	0.100000	-31.900000	0.050000
163	05:50:32	150.255000	38.120000	0.040000	-31.670000	0.070000
164	05:57:40	150.254000	38.150000	0.040000	-31.470000	0.050000
165						
166	06:04:39	120.239000	37.340000	0.040000	-29.990000	0.090000
167	06:10:27	126.210000	37.640000	0.050000	-30.190000	0.050000
168	06:16:15	132.281000	37.910000	0.040000	-30.500000	0.030000
169	06:22:02	138.236000	38.180000	0.030000	-30.860000	0.050000
170	06:27:51	144.260000	38.330000	0.020000	-31.240000	0.070000
171	06:36:29	150.254000	38.300000	0.090000	-31.450000	0.090000
172	06:42:13	150.255000	38.300000	0.050000	-31.380000	0.060000
173	06:47:58	150.255000	38.340000	0.020000	-31.430000	0.060000
174	06:53:43	150.254000	38.140000	0.030000	-31.710000	0.060000
175	06:59:27	150.255000	38.230000	0.040000	-31.660000	0.070000
176	07:05:11	150.254000	38.410000	0.120000	-31.660000	0.170000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	10-MagSteel (C)	MagSteel(near pole	2-HeidenhainR(um)
133	23.940000	24.390000	22.830000	23.630000	23.730000	0.500000
134	23.900000	24.520000	22.970000	23.660000	23.770000	0.500000
135	23.810000	24.630000	23.080000	23.700000	23.830000	0.500000
136	23.750000	24.650000	23.090000	23.730000	23.860000	0.500000
137	23.760000	24.570000	22.990000	23.750000	23.860000	0.500000
138	23.900000	24.460000	22.890000	23.750000	23.840000	0.500000
139	23.840000	24.420000	22.850000	23.740000	23.830000	0.500000
140	23.910000	24.430000	22.860000	23.730000	23.820000	0.500000
141	23.890000	24.490000	22.920000	23.730000	23.830000	0.500000
142	23.780000	24.560000	22.980000	23.750000	23.850000	0.500000
143	23.800000	24.490000	23.010000	23.760000	23.850000	0.500000
144	23.870000	24.300000	23.020000	23.750000	23.820000	0.500000
145	23.880000	24.010000	23.000000	23.720000	23.760000	0.500000
146	23.850000	24.070000	22.950000	23.700000	23.750000	0.500000
147	23.840000	24.110000	22.890000	23.680000	23.740000	0.500000
148	23.880000	24.190000	22.850000	23.670000	23.730000	0.500000
149	23.880000	24.330000	22.880000	23.660000	23.750000	0.500000
150	23.820000	24.500000	22.930000	23.680000	23.790000	0.500000
151	23.860000	24.520000	22.950000	23.700000	23.810000	0.500000
152	23.900000	24.480000	22.900000	23.710000	23.810000	0.500000
153	23.900000	24.410000	22.840000	23.710000	23.800000	0.500000
154	23.890000	24.400000	22.820000	23.700000	23.780000	0.500000
155	23.870000	24.430000	22.870000	23.700000	23.790000	0.500000
156	23.910000	24.520000	22.960000	23.710000	23.820000	0.500000
157	23.810000	24.620000	23.070000	23.740000	23.860000	0.500000
158	23.870000	24.700000	23.160000	23.770000	23.910000	0.500000
159	23.940000	24.710000	23.150000	23.800000	23.930000	0.500000
160	23.840000	24.600000	23.010000	23.810000	23.920000	0.500000
161	23.860000	24.450000	22.870000	23.800000	23.880000	0.500000
162	23.930000	24.360000	22.780000	23.780000	23.850000	0.500000
163	23.870000	24.310000	22.740000	23.750000	23.820000	0.500000
164	23.880000	24.340000	22.770000	23.730000	23.800000	0.500000
165	23.910000	24.320000	22.870000	23.720000	23.790000	0.500000
166	23.980000	24.150000	22.880000	23.710000	23.760000	0.500000
167	23.760000	23.930000	22.910000	23.670000	23.700000	0.500000
168	23.930000	24.030000	22.920000	23.650000	23.700000	0.500000
169	23.860000	24.140000	22.900000	23.640000	23.700000	0.500000
170	23.890000	24.200000	22.840000	23.630000	23.700000	0.500000
171	23.870000	24.280000	22.810000	23.630000	23.710000	0.500000
172	23.960000	24.430000	22.860000	23.640000	23.740000	0.500000
173	23.910000	24.530000	22.960000	23.660000	23.770000	0.500000
174	23.930000	24.640000	23.070000	23.700000	23.820000	0.500000
175	23.920000	24.720000	23.140000	23.740000	23.870000	0.500000
176	23.990000	24.670000	23.090000	23.770000	23.890000	0.500000

	3-HeidenhainL(um)	14-coil-H20in(C)
133	1.000000	1.560000
134	1.000000	1.550000
135	1.000000	1.550000
136	0.500000	1.560000
137	0.500000	1.580000
138	0.500000	1.570000
139	0.500000	1.570000
140	0.500000	1.570000
141	0.500000	1.570000
142	0.500000	1.580000
143	0.500000	1.480000
144	0.500000	1.280000
145	1.000000	1.010000
146	1.000000	1.120000
147	1.000000	1.220000
148	1.000000	1.340000
149	1.000000	1.450000
150	1.000000	1.570000
151	0.500000	1.570000
152	0.500000	1.580000
153	0.500000	1.570000
154	0.500000	1.580000
155	0.500000	1.560000
156	0.500000	1.560000
157	0.500000	1.550000
158	0.500000	1.540000
159	0.500000	1.560000
160	0.500000	1.590000
161	0.500000	1.580000
162	0.500000	1.580000
163	0.500000	1.570000
164	0.500000	1.570000
165	0.500000	1.450000
166	0.500000	1.270000
167	1.000000	1.020000
168	1.000000	1.110000
169	1.000000	1.240000
170	1.000000	1.360000
171	1.000000	1.470000
172	1.000000	1.570000
173	1.000000	1.570000
174	1.000000	1.570000
175	0.500000	1.580000
176	0.500000	1.580000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
177	07:10:55	150.255000	38.240000	0.040000	-31.610000	0.050000
178	07:16:40	150.255000	38.380000	0.020000	-31.690000	0.050000
179	07:22:24	150.255000	38.410000	0.050000	-31.510000	0.050000
180	07:28:09	150.255000	33.390000	3.470000	-29.650000	2.020000
181	07:33:54	150.255000	36.180000	2.800000	-30.950000	0.870000
182	07:39:39	150.255000	38.340000	0.050000	-31.440000	0.070000
183	07:45:24	150.256000	38.340000	0.080000	-31.700000	0.120000
184	07:51:10	150.255000	38.270000	0.220000	-31.860000	0.170000
185	07:56:54	150.255000	38.400000	0.040000	-31.880000	0.020000
186	08:02:38	150.255000	38.300000	0.030000	-31.850000	0.050000
187						
188	08:09:37	120.239000	37.450000	0.030000	-30.310000	0.050000
189	08:15:25	126.210000	37.590000	0.070000	-30.400000	0.060000
190	08:21:14	132.281000	37.950000	0.030000	-30.810000	0.040000
191	08:27:03	138.236000	38.180000	0.030000	-31.280000	0.040000
192	08:34:15	144.260000	38.330000	0.020000	-31.620000	0.020000
193	08:40:03	150.255000	38.490000	0.070000	-32.070000	0.040000
194	08:45:48	150.256000	38.540000	0.080000	-32.120000	0.060000
195	08:51:32	150.255000	38.470000	0.040000	-32.220000	0.090000
196	08:57:17	150.255000	38.440000	0.050000	-32.130000	0.020000
197	09:03:01	150.256000	38.420000	0.050000	-32.260000	0.060000
198	09:08:46	150.256000	38.490000	0.090000	-32.310000	0.080000
199	09:14:31	150.255000	38.400000	0.030000	-32.340000	0.050000
200	09:20:16	150.255000	38.520000	0.130000	-32.390000	0.100000
201	09:26:00	150.255000	38.400000	0.040000	-32.390000	0.030000
202	09:31:46	150.256000	38.430000	0.060000	-32.530000	0.180000
203	09:37:30	150.255000	38.520000	0.060000	-32.670000	0.030000
204	09:43:14	150.256000	38.380000	0.040000	-32.620000	0.130000
205	09:48:59	150.256000	38.410000	0.030000	-32.870000	0.030000
206	09:54:44	150.256000	38.480000	0.020000	-32.860000	0.040000
207	10:00:29	150.255000	38.390000	0.070000	-32.730000	0.070000
208	10:06:13	150.256000	38.490000	0.030000	-32.840000	0.030000
209						
210	10:13:12	120.239000	37.450000	0.050000	-31.090000	0.040000
211	10:19:00	126.211000	37.710000	0.040000	-31.290000	0.060000
212	10:24:48	132.282000	38.030000	0.050000	-31.440000	0.030000
213	10:30:35	138.236000	38.370000	0.070000	-31.740000	0.080000
214	10:36:24	144.261000	38.350000	0.080000	-32.310000	0.070000
215	10:42:12	150.255000	38.450000	0.040000	-32.710000	0.090000
216	10:47:57	150.255000	38.410000	0.120000	-32.780000	0.080000
217	10:53:42	150.256000	38.510000	0.060000	-32.770000	0.050000
218	11:00:26	150.255000	38.460000	0.030000	-32.940000	0.060000
219	11:06:11	150.255000	37.420000	1.070000	-32.580000	0.400000
220	11:11:56	150.255000	38.310000	0.070000	-32.980000	0.080000

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	10-MagSteel (C)	MagSteel(near pole	2-HeidenhainR(um)
177	23.990000	24.530000	22.940000	23.770000	23.870000	0.500000
178	24.030000	24.410000	22.820000	23.760000	23.840000	0.500000
179	23.950000	24.380000	22.790000	23.740000	23.810000	0.500000
180	23.970000	24.390000	22.810000	23.730000	23.800000	0.500000
181	24.010000	24.500000	22.920000	23.730000	23.830000	0.500000
182	24.010000	24.650000	23.080000	23.750000	23.870000	0.500000
183	23.970000	24.780000	23.200000	23.790000	23.920000	0.500000
184	23.960000	24.850000	23.270000	23.840000	23.980000	0.500000
185	24.050000	24.880000	23.310000	23.880000	24.020000	0.500000
186	24.070000	24.880000	23.290000	23.910000	24.050000	0.500000
187	24.000000	24.770000	23.300000	23.940000	24.060000	0.000000
188	24.070000	24.580000	23.300000	23.940000	24.030000	0.500000
189	24.020000	24.350000	23.340000	23.930000	23.990000	0.500000
190	24.030000	24.530000	23.430000	23.940000	24.030000	0.500000
191	24.140000	24.720000	23.510000	23.970000	24.080000	0.500000
192	24.140000	24.900000	23.550000	24.020000	24.140000	0.500000
193	24.240000	25.050000	23.580000	24.080000	24.220000	0.000000
194	24.250000	25.190000	23.610000	24.130000	24.280000	0.000000
195	24.280000	25.260000	23.670000	24.180000	24.330000	0.000000
196	24.290000	25.330000	23.760000	24.230000	24.400000	0.000000
197	24.160000	25.380000	23.820000	24.290000	24.460000	0.000000
198	24.160000	25.380000	23.830000	24.340000	24.500000	0.000000
199	24.090000	25.370000	23.820000	24.380000	24.540000	0.000000
200	24.220000	25.370000	23.830000	24.410000	24.570000	0.000000
201	24.210000	25.390000	23.860000	24.450000	24.600000	0.000000
202	24.170000	25.440000	23.900000	24.490000	24.640000	0.000000
203	24.300000	25.500000	23.940000	24.520000	24.680000	0.000000
204	24.260000	25.520000	23.950000	24.550000	24.710000	0.000000
205	24.150000	25.480000	23.910000	24.580000	24.730000	0.000000
206	24.200000	25.360000	23.790000	24.580000	24.710000	0.000000
207	24.220000	25.240000	23.670000	24.570000	24.680000	0.000000
208	24.210000	25.180000	23.620000	24.550000	24.650000	0.000000
209	24.190000	25.100000	23.660000	24.530000	24.620000	0.000000
210	24.220000	24.930000	23.670000	24.520000	24.590000	0.000000
211	24.170000	24.780000	23.780000	24.480000	24.540000	0.000000
212	24.160000	25.000000	23.920000	24.470000	24.570000	0.000000
213	24.170000	25.230000	24.030000	24.500000	24.630000	0.000000
214	24.230000	25.390000	24.080000	24.540000	24.690000	0.000000
215	24.220000	25.500000	24.070000	24.580000	24.740000	0.000000
216	24.280000	25.540000	24.000000	24.610000	24.780000	0.000000
217	24.070000	25.430000	23.880000	24.630000	24.770000	0.000000
218	24.230000	25.340000	23.770000	24.630000	24.740000	0.000000
219	24.140000	25.290000	23.730000	24.610000	24.720000	0.000000
220	24.270000	25.330000	23.790000	24.600000	24.720000	0.000000

	3-HeidenhainL(um)	14-coil-H20in(C)
177	0.500000	1.590000
178	0.500000	1.590000
179	0.500000	1.590000
180	0.500000	1.580000
181	0.500000	1.580000
182	0.500000	1.570000
183	0.500000	1.580000
184	0.500000	1.580000
185	0.500000	1.570000
186	0.500000	1.590000
187	0.500000	1.470000
188	0.500000	1.280000
189	0.500000	1.010000
190	0.500000	1.100000
191	0.500000	1.210000
192	0.500000	1.350000
193	0.500000	1.470000
194	0.000000	1.580000
195	0.000000	1.590000
196	0.000000	1.570000
197	0.000000	1.560000
198	0.000000	1.550000
199	0.000000	1.550000
200	0.000000	1.540000
201	-0.500000	1.530000
202	-0.500000	1.540000
203	-0.500000	1.560000
204	-0.500000	1.570000
205	-0.500000	1.570000
206	-0.500000	1.570000
207	-0.500000	1.570000
208	-0.500000	1.560000
209	-0.500000	1.440000
210	-0.500000	1.260000
211	0.000000	1.000000
212	0.000000	1.080000
213	0.000000	1.200000
214	0.000000	1.310000
215	-0.500000	1.430000
216	-0.500000	1.540000
217	-0.500000	1.550000
218	-0.500000	1.570000
219	-0.500000	1.560000
220	-0.500000	1.540000

	1-time	2-Imag(A)	3-x-position(um)	4-sigx-position(um)	5-y-position(um)	6-sigy-position(um)
221	11:17:41	150.255000	38.430000	0.060000	-32.900000	0.100000
222	11:23:25	150.255000	38.370000	0.030000	-32.760000	0.060000
223	11:29:09	150.256000	38.340000	0.040000	-32.890000	0.030000
224	11:36:22	150.254000	38.280000	0.070000	-32.920000	0.050000
225	11:42:07	150.255000	38.390000	0.060000	-33.220000	0.050000
226	11:47:52	150.255000	38.060000	0.040000	-33.150000	0.080000
227	11:53:37	150.256000	38.280000	0.040000	-33.220000	0.040000
228	11:59:22	150.256000	37.580000	0.550000	-33.040000	0.300000
229	12:05:07	150.256000	38.300000	0.190000	-33.190000	0.140000
230	12:10:54	150.255000	31.130000	5.000000	-32.750000	1.850000
231						
232	12:17:53	120.240000	37.300000	0.200000	-31.710000	0.150000
233	12:23:42	126.211000	37.220000	0.650000	-32.050000	0.400000
234	12:29:31	132.283000	37.510000	0.540000	-32.270000	0.320000
235	12:35:21	138.236000	35.950000	2.480000	-32.320000	0.860000
236	12:41:10	144.261000	36.490000	2.290000	-32.830000	0.680000
237	12:46:58	150.256000	37.320000	3.090000	-33.630000	1.310000
238	12:52:43	150.256000	37.460000	1.810000	-33.900000	0.650000
239	12:58:29	150.256000	29.100000	1.590000	-33.340000	0.870000
240	13:04:15	150.256000	35.190000	1.760000	-34.180000	0.860000
241	13:10:00	150.256000	34.330000	4.500000	-34.730000	2.280000
242	13:15:45	150.255000	37.740000	0.910000	-33.930000	0.590000
243	13:21:30	150.256000	38.480000	0.960000	-33.840000	0.760000
244	13:27:15	150.256000	38.270000	0.040000	-33.590000	0.050000
245	13:33:00	150.256000	38.520000	0.050000	-33.470000	0.060000
246						

	7-Ambient (C)	8-Coil (C)	9-WaterIN(C)	10-MagSteel (C)	MagSteel(near pole	2-HeidenhainR(um)
221	24.280000	25.450000	23.910000	24.610000	24.760000	0.000000
222	24.280000	25.570000	24.040000	24.640000	24.800000	0.000000
223	24.300000	25.720000	24.170000	24.690000	24.870000	0.000000
224	24.260000	25.760000	24.220000	24.740000	24.920000	0.000000
225	24.230000	25.700000	24.150000	24.780000	24.940000	0.000000
226	24.200000	25.590000	24.070000	24.790000	24.940000	0.000000
227	24.260000	25.530000	23.970000	24.790000	24.930000	0.000000
228	24.080000	25.470000	23.950000	24.780000	24.910000	0.000000
229	24.040000	25.540000	24.040000	24.780000	24.920000	0.000000
230	24.090000	25.670000	24.200000	24.810000	24.970000	0.000000
231	24.130000	25.750000	24.370000	24.850000	25.020000	-0.500000
232	24.060000	25.580000	24.390000	24.850000	25.000000	-0.500000
233	24.020000	25.390000	24.470000	24.860000	24.990000	0.000000
234	23.970000	25.520000	24.500000	24.880000	25.040000	-0.500000
235	23.980000	25.590000	24.470000	24.910000	25.070000	-0.500000
236	23.950000	25.640000	24.410000	24.940000	25.100000	-0.500000
237	23.930000	25.690000	24.340000	24.960000	25.120000	-0.500000
238	23.960000	25.760000	24.290000	24.970000	25.150000	-0.500000
239	23.900000	25.710000	24.250000	24.980000	25.140000	-0.500000
240	23.970000	25.700000	24.210000	24.980000	25.140000	-0.500000
241	23.990000	25.660000	24.200000	24.990000	25.140000	-0.500000
242	23.860000	25.670000	24.190000	24.980000	25.130000	-0.500000
243	23.870000	25.680000	24.180000	24.980000	25.130000	-0.500000
244	23.840000	25.650000	24.170000	24.970000	25.120000	-0.500000
245	23.910000	25.640000	24.160000	24.970000	25.120000	-0.500000
246	23.870000	25.640000	24.170000	24.970000	25.120000	-0.500000

	3-HeidenhainL(um)	14-coil-H20in(C)
221	-0.500000	1.540000
222	-0.500000	1.530000
223	-0.500000	1.550000
224	-0.500000	1.540000
225	-0.500000	1.550000
226	-0.500000	1.520000
227	-0.500000	1.560000
228	-0.500000	1.520000
229	-0.500000	1.500000
230	-0.500000	1.470000
231	-0.500000	1.380000
232	-0.500000	1.190000
233	-0.500000	0.920000
234	-0.500000	1.020000
235	-0.500000	1.120000
236	-1.000000	1.230000
237	-1.000000	1.350000
238	-1.000000	1.470000
239	-1.000000	1.460000
240	-1.000000	1.490000
241	-1.000000	1.460000
242	-1.000000	1.480000
243	-1.000000	1.500000
244	-1.000000	1.480000
245	-1.000000	1.480000
246	-1.000000	1.470000